

TYPE APPROVAL CERTIFICATE

This is to certify:**That the ISO Freight Container**with type designation(s)
20ft container cascade - EKCI/CAS/356/025

Issued to

EKC International FZE
Dubai, United Arab Emiratesis found to comply with
International Convention for Safe Containers, 1972 (CSC)
ISO 1496, Part 5: Platform and Platform-Based Containers
DNV 2.7-4 Freight Containers**Application :**

Max. gross mass (kg)	30480
Max. payload (kg)	27980
Net. cubic cap. (m³)	-
Stacking cap. (kg)	155556

This Certificate is valid until **2020-10-07**.Issued at **Høvik** on **2015-10-08**for **DNV GL**DNV GL local station: **Abu Dhabi**Approval Engineer: **Igor Antonijevic**

Inger-Helene Hals
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

20' ISO/CSC container cascade
CSC Approval reference number N-NV/565/10/15
ISO designation 1CC
Size code 22
Type code PM
Max. external dimensions (LxWxH) 6058 x 2438 x 2591 mm
Stacking test load per corner 70000 kg
Tare mass¹⁾ 2500 kg

¹⁾ tare mass is to be confirmed by weighing. The sum of the tare mass and the payload shall never exceed the Max. gross mass as it is stated on the front page of this certificate.

Application/Limitation

Gas cylinders can be transported in this frame. However, if the gas cylinders are fixed and are connected via manifolds, the unit as a whole (frame and gas cylinder installation) is defined as a Gas Cylinder Bundle. According to the IMDG Code Ch. 6.2 and EN ISO 10961, Gas Cylinder Bundles must be approved and certified by an authorized certifying body.

Production tests to be carried out as required by DNV GLs surveyor.

DNV GL surveyor has to witness important production and test events and issue Form no. 49.02a "Freight Container Certificate" for all containers. Each certificate can cover a batch of containers.

Containers have reduced stacking capacity and this has to be marked on the unit and specified on CSC data plate and included in each container certificate.

Type Approval documentation

Tests carried out

Prototypes strength tested according to requirements.

Marking of product

Each container to be marked with:

- Data Plate according to CSC requirement
- External marking according to DNV / ISO 6346 requirements
- DNVs emblem for freight containers
- NV mark to be hard stamped on frame

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform a survey every 2nd year and before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE